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(54) Title: TOKEN-BASED PERSONALIZATION OF SMART APPLIANCES

(57) Abstract—A radio frequency identification (RFID) token is used with appliances to access profile data to personalize the appliance. Each token contains a pointer to a relay location on a network with a further pointer indicating a profile location where user-profile data is stored. When a user wants to use an appliance, he/she places the token near the appliance and the appliance accesses the data from the site indicated (pointed to) by the relay location. The profile location may contain many different types of data such as speed dial lists, media preferences, preferred product classifications, etc. The appliance could obtain just the information it required, for example if the database were XML-tagged, by filtering out irrelevant content and personalize itself accordingly. When multiple users wish to use a single appliance, for example a television, each may place his/her token near the appliance and the appliance may then combine relevant profile data accordingly to develop a single composite profile to use to personalize the appliance.

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